



# Recombinant Human Matrix Gla protein (MGP)

**Product Code** CSB-EP013789HU

**Relevance**

Associates with the organic matrix of bone and cartilage. Thought to act as an inhibitor of bone formation.

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

**Uniprot No.** P08493

**Alias** Cell growth-inhibiting gene 36 protein

**Product Type** Recombinant Protein

**Immunogen Species** Homo sapiens (Human)

**Purity** ≥ 90% as determined by SDS-PAGE.

**Sequence** YESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIRERSKPVHELNREA  
CDDYRLCERYAMVYGYNAAYNRYF

**Research Area** Developmental Biology

**Source** E.coli

**Target Names** MGP

**Expression Region** 20-96aa

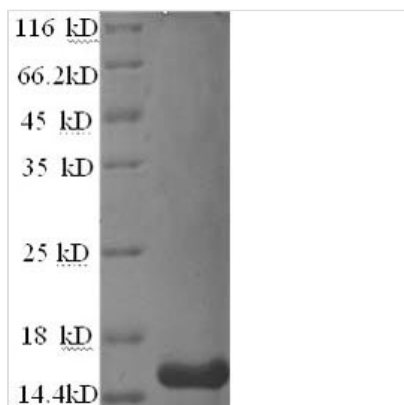
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info** N-terminal 6xHis-tagged

**Mol. Weight** 13.5kDa

**Protein Length** Full Length of Mature Protein

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution**



We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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